

AMENDMENTS TO THE CLAIMS

1. (Original) An optical element comprising a molded body containing a resin having an alicyclic structure, said molded body having a hologram surface diffusion pattern formed on at least one surface thereof.
2. (Original) The optical element according to claim 1 wherein the hologram surface diffusion pattern is composed of a fine asperity, an arithmetic average roughness Ra of the asperity is 0.5 to 10 μm , and a ratio of the arithmetic average roughness Ra to a mean spacing Sm (Ra/Sm) of the asperity is 0.01 to 0.9.
3. (Currently Amended) The optical element according to claim 1 ~~or 2~~ wherein the optical element has a single layer structure.
4. (Currently Amended) The optical element according to ~~any one of claims 1 to 3~~ claim 1 wherein the optical element is a light diffusion plate or a light diffusion sheet.
5. (Currently Amended) The optical element according to ~~any one of claims 1 to 4~~ claim 1 wherein said surface has a rectangular planar shape and a length of its diagonal is 200 mm or more.
6. (Currently Amended) The optical element according to ~~any one of claims 1 to 5~~ claim 1 wherein said element is obtained by injection molding.

7. (Currently Amended) A display device comprising the optical element according to ~~any one of claims 1 to 6~~ claim 1.

8. (Currently Amended) A method for producing the optical element according to ~~any one of claims 1 to 6~~ claim 1 comprising:

a step of preparing a stamper having a fine asperity formed on its surface, wherein an arithmetic average roughness Ra of the asperity is 0.5 to 10 μm , and a ratio of the arithmetic average roughness Ra to a mean spacing Sm (Ra/Sm) of the asperity is 0.01 to 0.9,

a step of providing with a mould where said stamper has been incorporated, and

a step of injection-molding a resin having an alicyclic structure using said mould, to obtain a molded body wherein said fine asperity on the surface of said stamper is transcribed on a surface of said molded body.